

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S30	114	@ad<"20031117" and ((simulat\$3 or animat\$3 or model\$3) with (movement or motion) with articulat\$3 with (figure or body))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/12/14 10:53
S31	51	S30 and scal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/12/14 10:53


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)


[Advanced Scholar Search](#)  
[Scholar Preferences](#)  
[Scholar Help](#)
☒ Search only in Engineering, Computer Science, and Mathematics.

☐ Search in all subject areas.

**Scholar** All articles - [Recent articles](#) Results 11 - 20 of about 53 for simulation scale "articulated body" torque "time step"

**All Results**
[B Mirtich](#)
[S LaValle](#)
[J Wilhelms](#)
[J Kuffner](#)
[J Klein](#)

[\[PDF\] Evolution of Legged Locomotion](#) - all 7 versions »

D Arnold - 1997 - users.cs.dal.ca

... the equations of motion of an articulated body subject to ... Chapter 2. Physical Simulation of Actuated Articulated ... a spatial force with representing a torque and ...

[Cited by 5](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[Dynamics Simulation and Controller Interfacing for Legged Robots](#) - all 3 versions »

JA Reichler, F Delcomyn - The International Journal of Robotics Research, 2000 - ijr.sagepub.com  
 ... and Otter 1998), the validation of large-scale robotic devices (Ma ... of the DTS approach to simulation of a ... with the choice of the integration time step; to keep ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[Scripting Interactive Physically-Based Motions with Relative Paths and Synchronization](#) - all 9 versions »

A Lamouret, MP Gascuel - Computer Graphics Forum, 1996 - Blackwell Synergy

... or a deformable solid, isolated or part of an articulated body: ... collisions) that happen during the simulation, so we ... can be used at a larger scale, in order ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#)

[Small Steps for Mankind: Towards a Kinetically Driven Dynamic Simulation of Curved Path Walking](#)

KO HYEONGSEOK - THE JOURNAL OF VISUALIZATION AND COMPUTER ANIMATION, 1994 - doi.wiley.com

... to the rigid body dynamics of the moving articulated body. ... cases, authors report on simulation techniques that ... multiplied by an appropriate scale factor which ...

[Related Articles](#) - [Web Search](#)

[\[PDF\] Evolving Virtual Creatures](#) - all 2 versions »

KE Drew, AS Forsberg, PJ Lewis - symbolcraft.com

... Articulated Body Dynamics ... Note that body part scale, rotation and translation information ... It will provide facilities for both batch simulation and interactive ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Computer animation of human walking: a survey](#) - all 21 versions »

F Mutton, L France, MP Cani-Gascuel, G Debonne - The Journal of Visualization and Computer Animation, 1999 - doi.wiley.com

... for which motion is computed by simulation will then be ... 31 to provide the torque curves that correspond to a ... to control balance at each time step while walking ...

[Cited by 72](#) - [Related Articles](#) - [Web Search](#)

[\[PDF\] A Gluing Algorithm for Distributed Simulation of Multibody Systems](#)

ZD Ma, J Wang, GM Hulbert - 2003 - sambuca.umd.umich.edu

... of a distributed finite element simulation is presented ... of an existing large-scale system rather ... reduces the system to an 'articulated-body' by recursively ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[\[PDF\] Evolution of Legged Locomotion](#) - all 2 versions »

MOF SCIENCE - nlc-bnc.ca

... simulation of the resulting motion under the laws of physics in time. ... therefore simulation of the behavior of a great number of creatures. Page 4. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Constraint-based motion planning for virtual prototyping](#) - all 7 versions »

M Garber, MC Lin - Proceedings of the seventh ACM symposium on Solid modeling ..., 2002 - portal.acm.org

... vention, a configuration for an articulated body is specified ... a priority, from  $\frac{1}{4}$   $\frac{1}{2}$ , which scales the constraint ... To ensure that the simulation enforces the ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

[Pose Controlled Physically Based Motion](#)

F Password - Computer Graphics Forum, 2006 - Blackwell Synergy

... enhancements [4–6] it does not scale well with the ... of the current state of the articulated body so as to ... generated by the FBC driven physics simulation do not ...  
[Related Articles](#) - [Web Search](#)

◀ Gooooooooogle ▶

Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

simulation scale "articulated body" torque "time step"

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2007 Google


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

simulation scale "articulated body" torque "time step"

Search

[Advanced Scholar Search](#)  
[Scholar Preferences](#)  
[Scholar Help](#)
☒ Search only in Engineering, Computer Science, and Mathematics.

☐ Search in all subject areas.

**Scholar** All articles - [Recent articles](#) Results 11 - 20 of about 53 for simulation scale "articulated body" torque "time step"

## All Results

B Mirtich

S LaValle

J Wilhelms

J Kuffner

J Klein

[\[PDF\] Evolution of Legged Locomotion](#) - all 7 versions »

D Arnold - 1997 - users.cs.dal.ca

... the equations of motion of an articulated body subject to ... Chapter 2. Physical Simulation of Actuated Articulated ... a spatial force with representing a torque and ...

[Cited by 5](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)
[Dynamics Simulation and Controller Interfacing for Legged Robots](#) - all 3 versions »

JA Reichler, F Delcomyn - The International Journal of Robotics Research, 2000 - ijr.sagepub.com ... and Otter 1998), the validation of large-scale robotic devices (Ma ... of the DTS approach to simulation of a ... with the choice of the integration time step; to keep ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)
[Scripting Interactive Physically-Based Motions with Relative Paths and Synchronization](#) - all 9 versions »

A Lamouret, MP Gascuel - Computer Graphics Forum, 1996 - Blackwell Synergy

... or a deformable solid, isolated or part of an articulated body. ... collisions) that happen during the simulation, so we ... can be used at a larger scale, in order ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#)
[Small Steps for Mankind: Towards a Kinetically Driven Dynamic Simulation of Curved Path Walking](#)

KO HYEONGSEOK - THE JOURNAL OF VISUALIZATION AND COMPUTER ANIMATION, 1994 - doi.wiley.com

... to the rigid body dynamics of the moving articulated body. ... cases, authors report on simulation techniques that ... multiplied by an appropriate scale factor which ...

[Related Articles](#) - [Web Search](#)
[\[PDF\] Evolving Virtual Creatures](#) - all 2 versions »

KE Drew, AS Forsberg, PJ Lewis - symbolcraft.com

... Articulated Body Dynamics ... Note that body part scale, rotation and translation information ... It will provide facilities for both batch simulation and interactive ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)
[Computer animation of human walking: a survey](#) - all 21 versions »

F Mutton, L France, MP Cani-Gascuel, G Debonne - The Journal of Visualization and Computer Animation, 1999 - doi.wiley.com

... for which motion is computed by simulation will then be ... 31 to provide the torque curves that correspond to a ... to control balance at each time step while walking ...

[Cited by 72](#) - [Related Articles](#) - [Web Search](#)
[\[PDF\] A Gluing Algorithm for Distributed Simulation of Multibody Systems](#)

ZD Ma, J Wang, GM Hulbert - 2003 - sambuca.umd.umich.edu

... of a distributed finite element simulation is presented ... of an existing large-scale system rather ... reduces the system to an 'articulated-body' by recursively ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)
[\[PDF\] Evolution of Legged Locomotion](#) - all 2 versions »

MOF SCIENCE - nlc-bnc.ca

... simulation of the resulting motion under the laws of physics in time. ... therefore simulation of the behavior of a great number of creatures. Page 4. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Constraint-based motion planning for virtual prototyping](#) - all 7 versions »

M Garber, MC Lin - Proceedings of the seventh ACM symposium on Solid modeling ..., 2002 - portal.acm.org

... vention, a configuration for an articulated body is specified ..., a priority, from  $\frac{1}{4}$   $\frac{1}{2}$ , which scales the constraint ... To ensure that the simulation enforces the ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

[Pose Controlled Physically Based Motion](#)

F Password - Computer Graphics Forum, 2006 - Blackwell Synergy

... enhancements [4–6] it does not scale well with the ... of the current state of the

articulated body so as to ... generated by the FBC driven physics simulation do not ...

[Related Articles](#) - [Web Search](#)

◀ Goooooooooole ▶

Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

simulation scale "articulated body" torque

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2007 Google


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

simulation software "time step" VLNET "articul

- 2003

Search

Ad  
Sc  
S
☒ Search only in Engineering, Computer Science, and Mathematics.

☐ Search in all subject areas.

**Scholar** Results 1 - 4 of 4 for **simulation software "time step" VLNET "articulated body"**. (0.12 seconds)

**All Results**

Tip: Try removing quotes from your search to get more results.

[I Pandzic](#)
[D Thalmann](#)
[T Capin](#)
[N Magnenat Tha...](#)

[PDF] [Motor functions in the VLNET Body-Centered Networked Virtual Environment - all 10 versions »](#)

IS Pandzic, TK Capin, N Magnenat Thalmann, D ... - Proc. of 3rd Eurographics Workshop on Virtual Environments, 1996 - vrlab.epfl.ch  
... solution, resulting in unwanted delays in the **simulation**. ... Update subroutine is executed  
in each **time step**, the Save ... the motor functions are coded in **software**. ...  
Cited by 14 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[PS] [VLNET: A Virtual Life Network for TeleCooperative Applications - all 2 versions »](#)

NM Thalmann, T Capin, I Pandzic, D Thalmann - Proceedings of the spring conference on computer graphics ( ..., 1996 - graphics.cs.msu.su  
... solution, resulting in unwanted delays in the **simulation**. ... is executed in each **time step**, the Save subroutine is ... the motor functions are coded in **software**. ...  
Cited by 3 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Using Virtual Humans for Multimodal Communication in Virtual Reality and Augmented Reality - all 2 versions »](#)

D Thalmann - Multimodal Interface for Human-Machine Communication, 2002 - books.google.com  
... state which can change each **time step** according to ... Possible high-level AI **software**  
can also be ... Humansfor Animation, Ergonomics, and **Simulation**, IEEE Workshop ...  
Cited by 1 - [Related Articles](#) - [Web Search](#)

[PDF] [Simulating Virtual Humans - all 4 versions »](#)

LP NEDEL - XI Brazilian Symposium on Computer Graphics (SIBGRAPI'98)- ..., 1998 - inf.ufrgs.br  
... 102 9. **VLNET** - Virtual Life Network ... air or draping around a table, realistic cloth **simulation** provide a ... the design itself, a good cloth **software** should provide ...  
Cited by 1 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

simulation software "time step" VLNI Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2007 Google